

In the Specification:

Replace the paragraph [0040] on page 13, with the following paragraph:

A schematic cross-sectional illustration of the shingle 36 is shown at Fig. 3. The shingle 36 includes the asphalt-coated sheet 20. The asphalt-coated sheet 20 includes the substrate 14, ~~an and an upper surface asphalt coated portion positioned above the substrate 14 and a lower asphalt coated portion positioned below the substrate 14.~~ The upper asphalt coated portion includes an upper surface portion positioned at the top of the upper asphalt-coated portion. A first portion of granules 46 is adhered to the upper surface ~~portion of the upper asphalt-coated portion of the asphalt coated-sheet 20~~ such that the first portion of granules 46 is positioned above the substrate 14. Preferably, as described herein, the first portion of granules contains substantially no anti-microorganism granules.

Replace the paragraph [0041] on page 13, with the following paragraph:

A second portion of granules 50 is also adhered to the upper surface ~~portion of the upper asphalt-coated portion of the asphalt coated sheet 20~~ such that the second portion of granules 50 is positioned above the substrate 14. The second portion of granules 50 comprises includes prime granules and anti-microorganism granules. Preferably, the upper surface ~~portion of the upper asphalt-coated portion of the asphalt-coated sheet 20~~ envelops a predetermined percentage of the anti-microorganism granules. More preferably, the predetermined percentage of the anti-microorganism granules enveloped by the upper surface ~~portion of the upper asphalt-coated portion of the asphalt-coated sheet 20~~ is within the range of from about 0.0 percent to about 5.0 percent.

Replace the paragraph [0042] beginning on page 13, with the following paragraph:

As shown schematically in Fig. 3, substantially all of the first portion of granules 46 are completely enveloped by the upper surface ~~portion of the upper asphalt-coated portion of the asphalt-coated sheet 20.~~ It will be appreciated that the phrase "substantially all" is defined as within the range of from about 70 percent to about 80 percent of the first portion of granules 46. Preferably, about 75 percent of the first portion of granules are completely enveloped by the upper surface ~~portion of the upper asphalt-coated portion of the asphalt-coated sheet 20.~~

Replace the paragraph [0043] on page 14, with the following paragraph:

It will be also appreciated that some of the second portion of granules 50 can be adhered to the upper surface ~~portion of the upper asphalt-coated portion of the asphalt-coated sheet 20 below (as viewed in Fig. 3) at least some the first portion of granules 46, but still within the upper surface portion of the upper asphalt-coated portion of the asphalt-coated sheet 20.~~ Preferably, however, most of the second portion of granules 50 are adhered to the upper surface ~~portion of the upper asphalt-coated portion of the asphalt-coated sheet 20~~ relatively above (as viewed in Fig. 3) the first portion of granules 46, so as to be visible when the shingle 36 is installed on a roof. It should also be appreciated that, as shown in Fig. 3, both the first portion of granules 46 and the second portion of granules 50 remain substantially positioned above the substrate 14 ~~within the upper surface portion of the upper asphalt-coated portion of the asphalt-coated sheet 20.~~ Accordingly, substantially few of the first portion of granules 46 and few of the second portion of granules 50 extend in a downward direction below the upper surface ~~portion of the upper asphalt-coated portion of the asphalt-coated sheet 20.~~